

ELECTRICITY OVERSIGHT BOARD

JOB OPPORTUNITY BULLETIN

CLASSIFICATION: Senior Electrical Engineer
(MAY CONSIDER DOWNGRADING TO AN ASSOCIATE ELECTRICAL ENGINEER)

SALARY: \$5,082-\$6,174

TENURE: Permanent/Full Time

LOCATION: California Electricity Oversight Board
770 "L" Street, Suite 1250
Sacramento, CA 95814

FINAL FILING DATE: **Until Filled**

DUTIES/RESPONSIBILITIES:

Under the general direction of the Executive Director, the Senior Electrical Engineer plans, organizes, assigns and reviews work, gives instructions and assistance to engineers, and/or analysts engaged in providing engineering and transmission planning expertise in support of the Electricity Oversight Board's (EOB) review and evaluation of the California Independent System Operator's (CAISO) electrical transmission system planning and reliability programs. The incumbent reviews the CAISO's reliability studies, transmission maintenance and replacement standards, transmission planning studies, emergency response plans, and proposed regional and/or federal reliability standards and interstate transmission coordination activities. The incumbent provides technical expertise leading to the development and implementation of electrical engineering criteria for transmission line routing, acceptable power loss, reliability, engineering and economic tradeoffs for transmission lines. The incumbent performs a wide range of consultative, analytical and research assignments related to the planning and operation of the CAISO's controlled grid. The incumbent serves as coordinator with other state, regional and federal agencies, planning and industry groups on matters that impact the reliability and economics of the bulk power grid. The incumbent acts as the technical lead person with the responsibility of preparing staff reports and testimony. The incumbent provides technical expertise to other state agencies, the Legislature, and the Administration related to the engineering, economics, and reliability aspects of power transmission of integrating additional generation and/or transmission capacity in the bulk power grid.

DESIRABLE EXPERIENCE/QUALIFICATIONS:

- Knowledge of and experience with California's electricity markets including the CAISO..
- Familiarity with AB1890, the CAISO Tariff, the CAISO's responsibility to the Western Systems Coordinating Council and the North American Electric Reliability Council.
- Familiarity with relevant regional and national forums such as the Committee on Regional Electric Power Cooperation, Western Systems Coordinating Council, Western Regional Transmission Association, Western Interconnection Coordination Forum, and North American Electric Reliability Council.
- Experience in representing California's electricity interests at the regional and national levels.
- Familiarity with California, regional and national issues concerning electric system reliability including federal legislative efforts.
- Familiarity with transmission system planning and analysis techniques.

- Experience in the review and assessment of transmission system planning proposals and reliability studies.
- Knowledge of transmission maintenance and replacement standards and emergency response plans.
- Strong quantitative analysis and computer skills.
- Excellent communication skills.
- Good organizational skills and ability to work well under pressure and in a team environment.

WHO SHOULD APPLY: All interested eligible persons are encouraged to apply. Applicants must have either transfer, list, reinstatement or SROA/Surplus eligibility. **Applicant must clearly indicate basis of their eligibility, including SROA, surplus, reemployment status, or list eligibility on the State Application.** Applications will be screened for experience and only the most qualified will be contacted for an interview.

NOTE: Interested individuals, including list eligible, must submit the application to be received by the final filing date in order to be considered for this position.

INTERESTED APPLICANTS SHOULD SUBMIT A COMPLETED STANDARD STATE APPLICATION (FORM STD. 678) TO:

Ms. Sharon Howell, Personnel Analyst
Electricity Oversight Board
770 "L" Street, Suite 1250
Sacramento, CA 95814

For additional information, please call (916) 322-8601 , CALNET 492-8601.

DO NOT SUBMIT APPLICATIONS TO THE STATE PERSONNEL BOARD